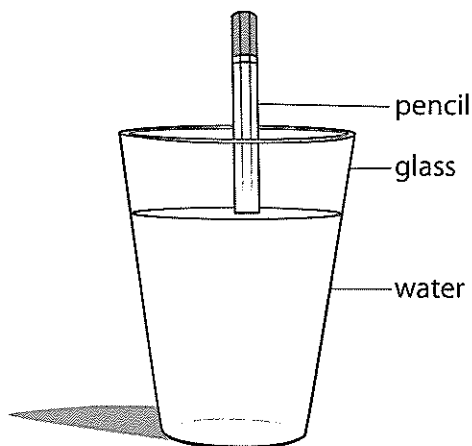


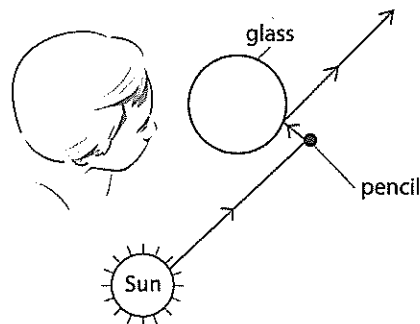
Exposing the illusion

Using what you have learned from your investigation, match the side view of the pencil behind the glass to the description and diagram that best explains what happens to the ray of light to give the illusion of a disappearing pencil.

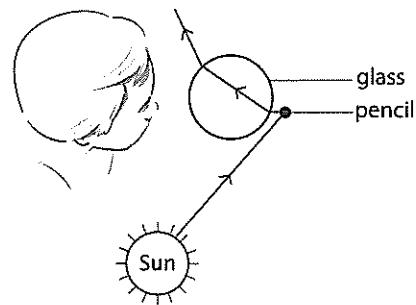


The bottom of the pencil looks like it disappears because:

The light is reflected by the glass and does not reach my eyes.



The light reflected by the pencil bends when it goes from air to water and does not reach my eyes.



The light reflected by the pencil gets trapped inside the glass and does not reach my eyes.

